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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 032301.443
INTERNATIONAL APPLICATION NO. PCT/EP2004/009023	INTERNATIONAL FILING DATE 12 August 2004 (12.08.2004)	U.S. APPLICATION NO. (If known, see 37 CFR 1.51) To Be Assigned 71238992
TITLE OF INVENTION Surface-Modified Zinc Oxides		PRIORITY DATE CLAIMED 22 August 2003 (22.08.2003)
APPLICANT(S) FOR DO/EO/US MEYER, Jürgen et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.51) To Be Assigned	INTERNATIONAL APPLICATION NO. PCT/EP2004/009023	ATTORNEY'S DOCKET NUMBER 032301.443
20. Other items or information: International Search Report, Written Opinion, International Publication No. WO 2005/019347 A2, Forms PCT/IB/304 and PCT/IB/308, Certificate of Mailing, and Return Receipt Postcard		
The following fees are submitted:		CALCULATIONS
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300		PTO USE ONLY
		\$ 300
22. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c))		
If the written opinion prepared by ISA/US to the international preliminary examination report prepared		
By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0		\$ 200
All other situations\$200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))		
If the written opinion prepared by ISA/US to the international preliminary examination report prepared		
By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an		
International Searching Authority\$100		\$ 500
International Search Report prepared by an ISA other than the US and provided in the Office or		
previously communicated to the US by the IB.....\$400		
All other situations\$500		
TOTAL OF 21, 22 and 23 =		\$ 1,000
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821 (c) or (e) computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
- 100 =	0/50 =	x \$250
		\$ 0
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	11 - 20	0
Independent claims	1 - 3	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360
TOTAL OF ABOVE CALCULATIONS =		\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$
SUBTOTAL =		\$ 1,000
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$
TOTAL NATIONAL FEE =		\$ 1,000
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$
TOTAL FEES ENCLOSED =		\$ 1,000
		Amount to be refunded:
		\$
		Amount to be charged:
		\$

101568992

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☒ A check in the amount of \$ 1,000.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment of Deposit Account No. _____. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charge to a credit card. **WARNING** : Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.37(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 25461

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NAME

20,531

REGISTRATION NUMBER

10/568992

1492010501 21 FEB 2006

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.10

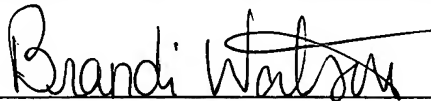
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Signature

Brandi Watson

Inventor(s): MEYER, Jürgen et al.
Serial No.: To Be Assigned (National Phase of PCT/EP2004/009023)
Filing Date: Concurrent Herewith
Title: Surface-Modified Zinc Oxides
Atty. Dkt. No.: 032301.443

The correspondence includes the following documents:

- 1) \$1,000.00 Check;
- 2) Transmittal Letter to US DO/EO/US (3 pages);
- 3) Description, including Specification (34 pages), Claims (15 pages), Abstract (1 page), and Drawings (2 sheets, depicting Figs. 1-2);
- 4) Copy of PCT Request as filed (4 pages);
- 5) Declarations of Inventorship (3 pages);
- 6) International Publication No. 2005/019347 A2 (40 pages);
- 7) Forms PCT/IB/304 and PCT/IB/308 (2 pages);
- 8) Written Opinion (6 pages);
- 9) International Search Report (3 pages);
- 10) Information Disclosure Statement and Form PTO/SB/08a with 4 cited foreign patent references (70 pages);
- 11) Certificate of Mailing Under 37 CFR 1.10 (1 page); and
- 12) Return Receipt Postcard.